

# Converting Colors

Hex(458C29)

Have a look what the booklet for  
Hex(458C29) contains.

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# Color

Hex(458C29)

# Conversions

## Conversions Part 1

Format	Color
Hex	458C29
RGB	69, 140, 41
RGB Percent	27%, 55%, 16%
CMY	0.7294, 0.4510, 0.8392
CMYK	0.51, 0.00, 0.71, 0.45
HSL	103°, 55%, 35%
HSV	103°, 71%, 55%
XYZ	12.2326, 20.1815, 5.3485
YIQ	107.4850, -10.5370, -45.8410

# Conversions

## Conversions Part 2

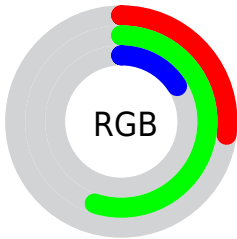
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 140, 112
Decimal	4557865
CIE <sub>Lab</sub>	52.04, -40.84, 44.07
CIE <sub>LCh</sub>	52, 60.082, 132.824
Yxy	20.1815, 0.3239, 0.5344
Android (android.graphics.Color)	4282747945 (0xFF458C29)
YUV	107.4850, -32.7771, -33.7513
Hunter-Lab	44.9238, -30.0118, 24.3877

# Details

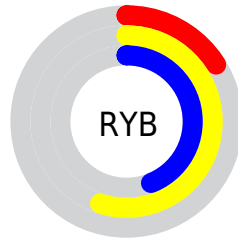
The Hex color **458C29** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **70298C**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **7CC25C**, and **005900** is the 20% darker color. If you saturate the color by 10%, you get **3B8C1B**, and if you desaturate by 10%, it is **4F8C37**.

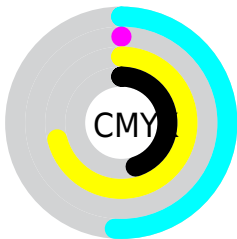
# Distribution



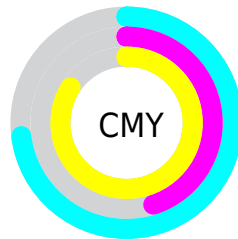
- Red (27%)
- Green (55%)
- Blue (16%)



- Red (16%)
- Yellow (55%)
- Blue (44%)



- Cyan (51%)
- Magenta (0%)
- Yellow (71%)
- Black (45%)



- Cyan (73%)
- Magenta (45%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 458C29 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 458C29 by changing the saturation by 10% instead.





458C29



458C29

FFFFFF



28720C



7CC25C



005900



97DE76



004100



B3FB91



002B00



D0FFAC



000E00



EDFFC8



000000



FFFFE4



458C29



458C29



3B8C1B



4F8C37

■ 318C0D

■ 598C45

■ 288C00

■ 638C53

■ 6D8C61

■ 778C6F

■ 818C7D

■ 8B8C8B

■ 958C99

■ 9F8CA7

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



808100



458C29



00925C

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



458C29



008ADF



D84868

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



458C29



70298C

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



C94D9C



458C29



317BE1

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



458C29



0092C1



9A64C8



CC5838

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



458C29



009480



9A64C8



D64779



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



458C29



9AB58F



8C7029



4B5C45



DBDBDB



5C5C5C



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



458C29



47B51B



298C3E



40453E



268500



010500



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



70298C



8A1BB5



8C2977



433E45



5F0085



040005



# Previews

## White Background



This preview shows how the Hex color 458C29 looks on a white background.

## Color Contrast Check

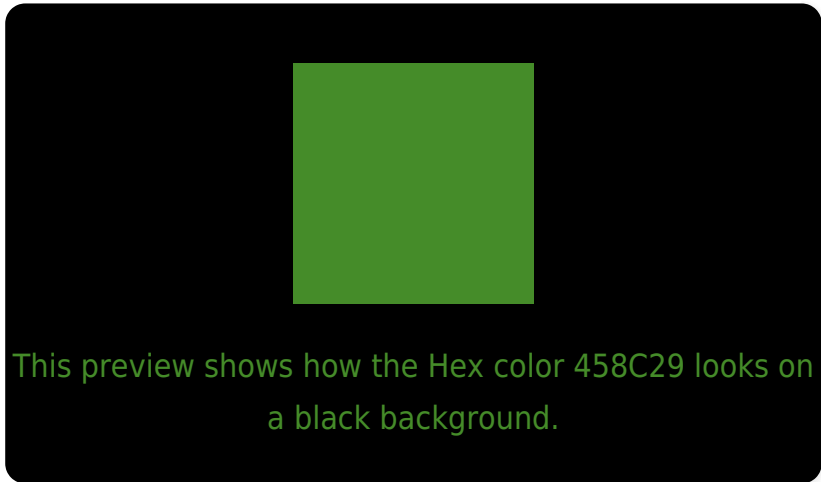
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

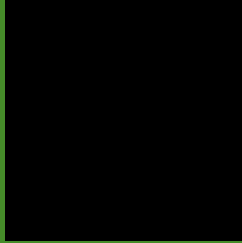
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 458C29 Background



This preview shows how black text looks on a background with the Hex color 458C29.



This preview shows how white text looks on a background with the Hex color 458C29.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
458C29

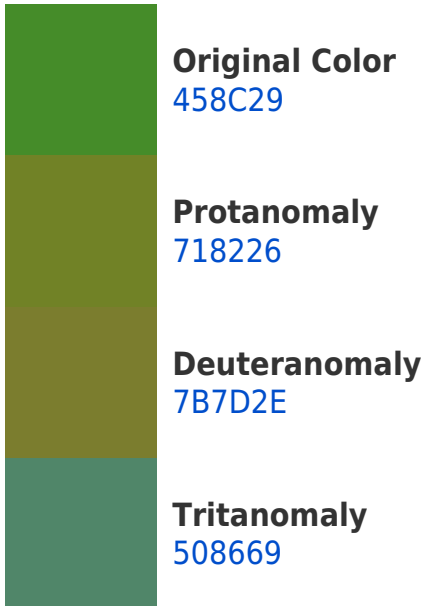
**Protanopia**  
8A7C25

**Deuteranopia**  
9A7531

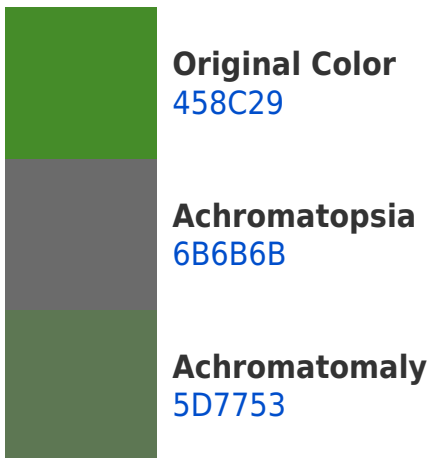


**Tritanopia**  
57838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 458C29 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #458C29 looks like.

```
.text, #text, p{  
    color:#458C29  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #458C29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #458C29
}
```

## Border

The CSS property to change the border of an element to Hex 458C29 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#458C29 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#458C29 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #458C29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #458C29; -webkit-box-shadow:4px 4px  
4px 4px #458C29; box-shadow:4px 4px 4px  
4px #458C29 }
```

# Background

The CSS property to change the background color of an element to Hex 458C29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#458C29 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#458C29 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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